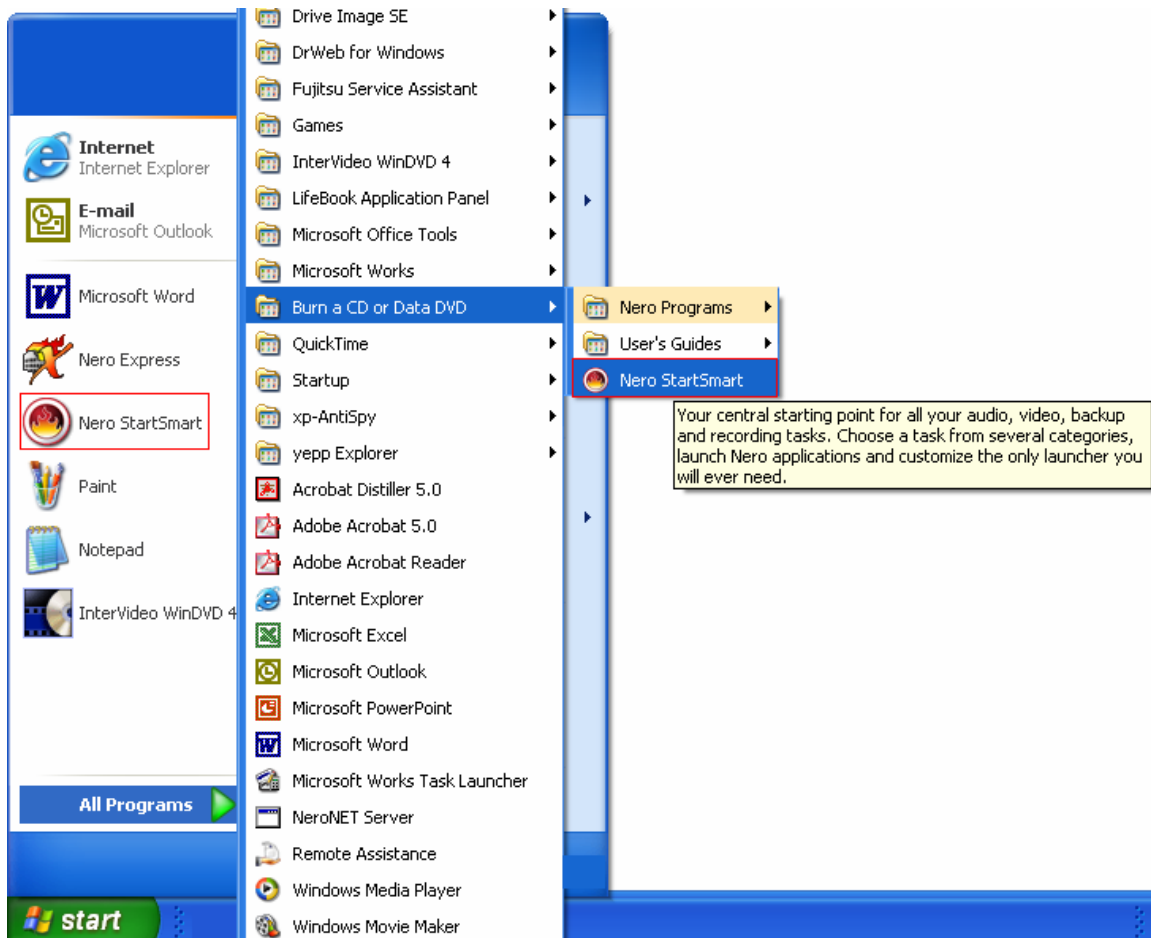# How to Start writing to a Basic Data CD

(First time write operation or sometimes referred to as 'Start Multisession' Data CD)

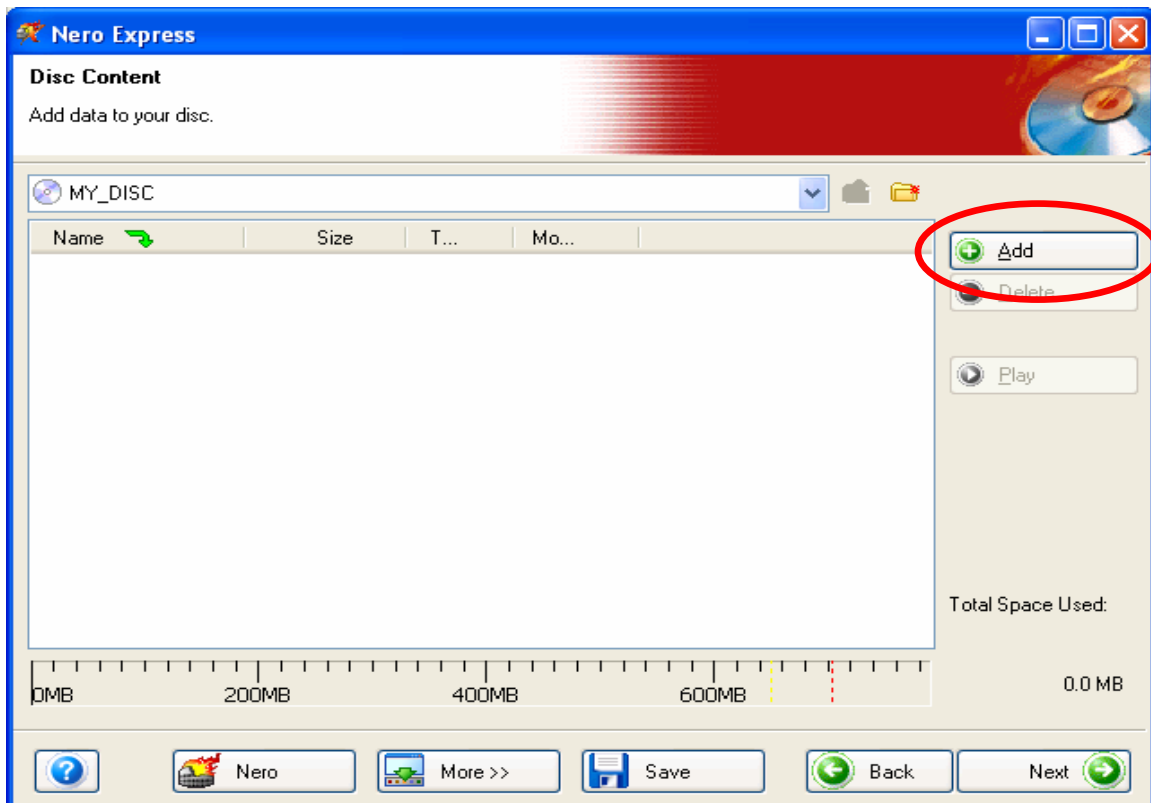1. First to launch Nero StartSmart: Go to **Start**->**All Programs**->**Burn a CD or Data DVD**->**Nero StartSmart**. Or you can just go to **Start**->**Nero StartSmart**
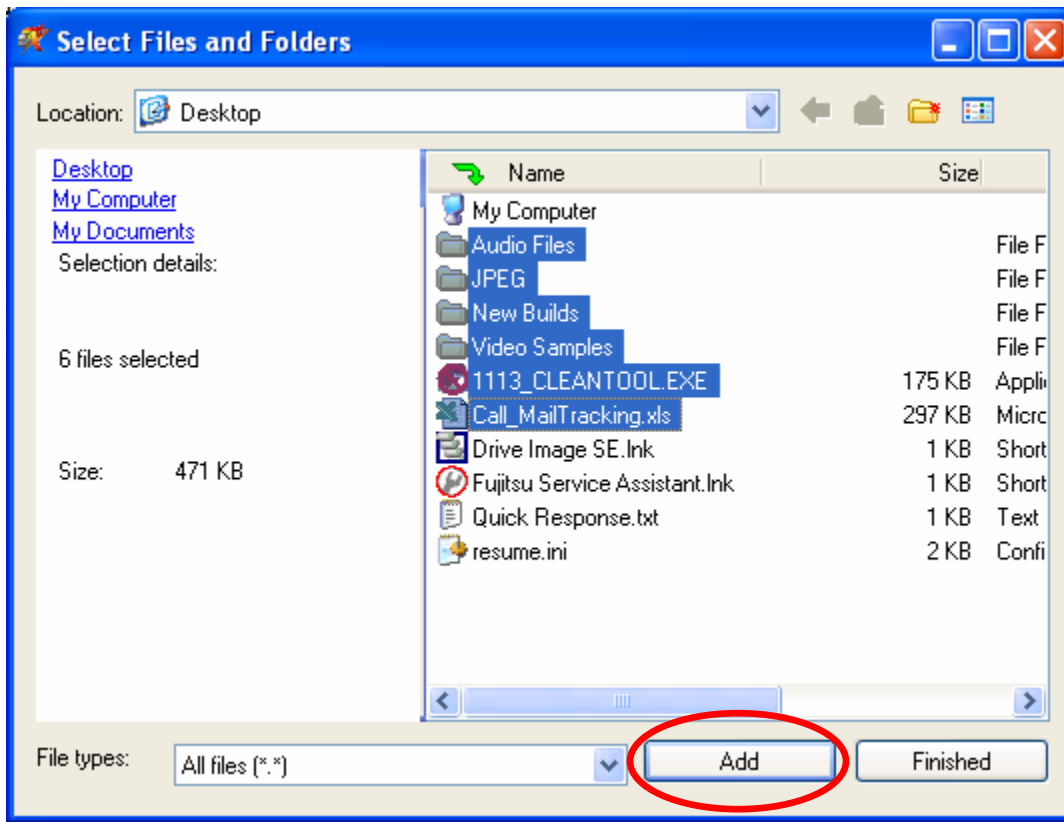
2. This will bring up the **Nero StartSmart** main window. Select the 'Data' icon and click on the 'Make Data Disc' option.
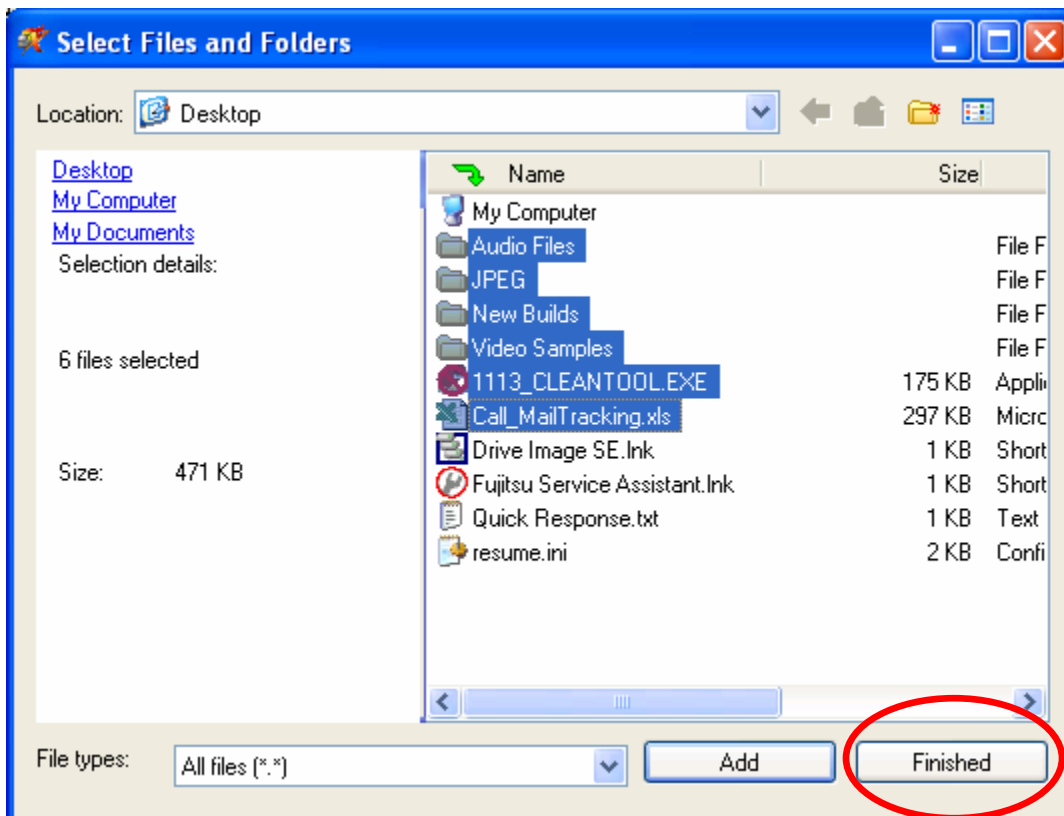

3. This brings up the **Nero Express** 'Disc Content' window. To add data to be written to CD, click on the 'Add' button or drag and drop data into the Disc Content window.
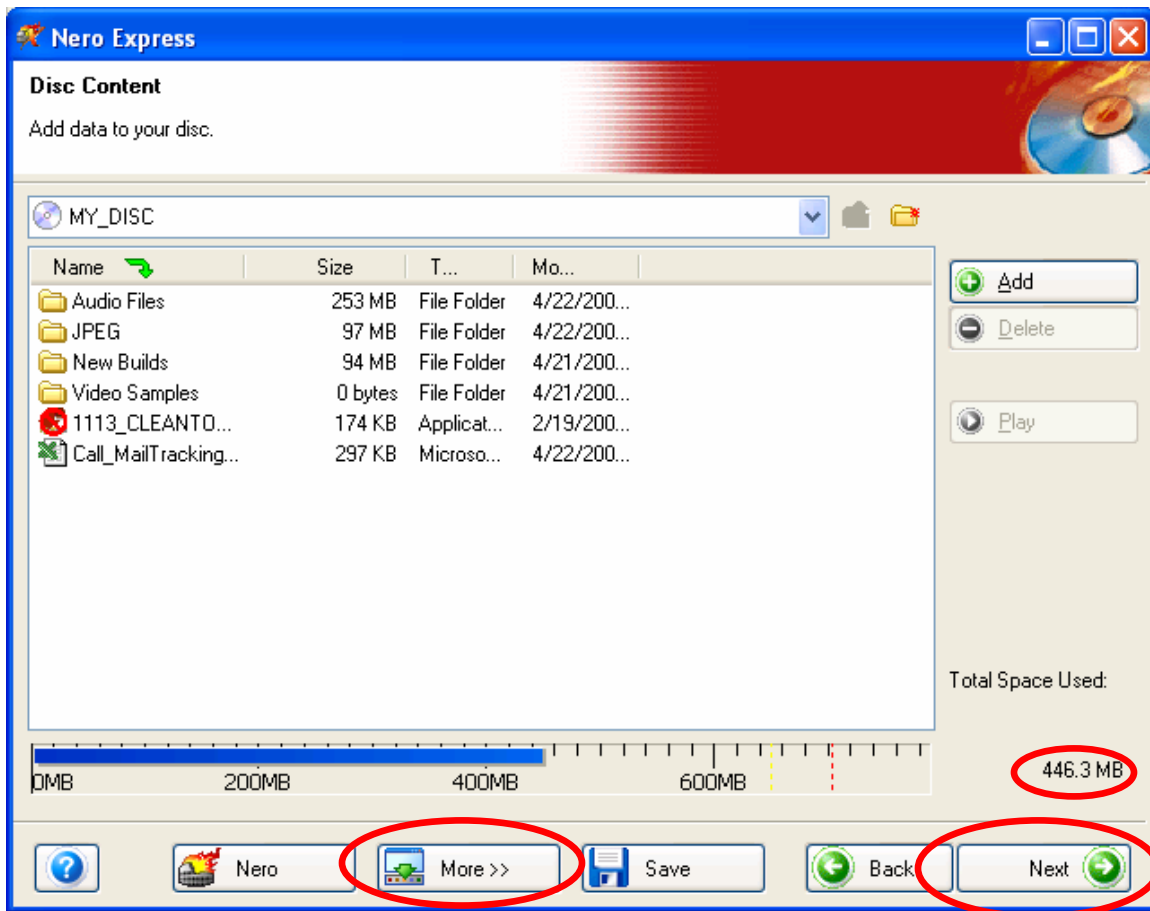
4. This brings up the **Select Files and Folders** window. Highlight those files and folders you wish to add, and click on the 'Add' button. Hold down the '*Shift*' key to select all the files, or hold down the '*Ctrl*' key to select individual files.
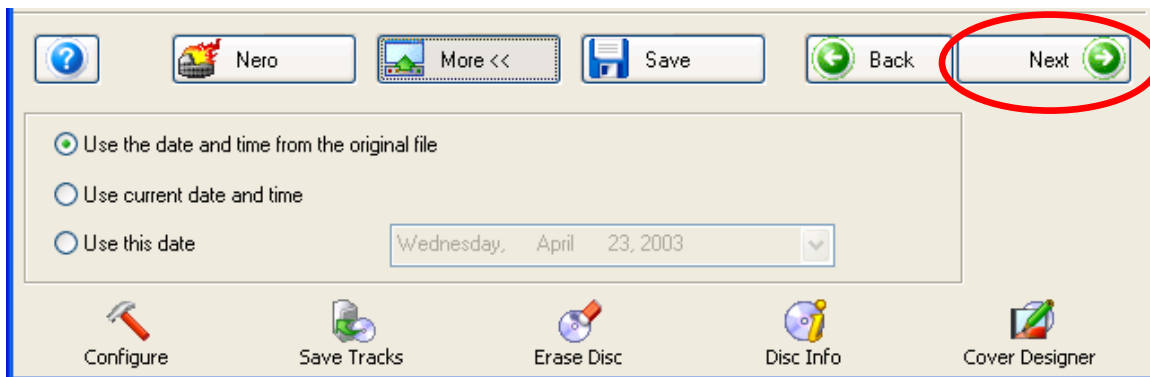

5. Click on the 'Finished' button once you have added all the Files and Folders you intend to burn to CD.

6. This will bring you back to the Disc Content window. You can see 'how much space' you will use with this write operation. Click 'Next' to move on to the next step, or on the 'More' button for additional options.
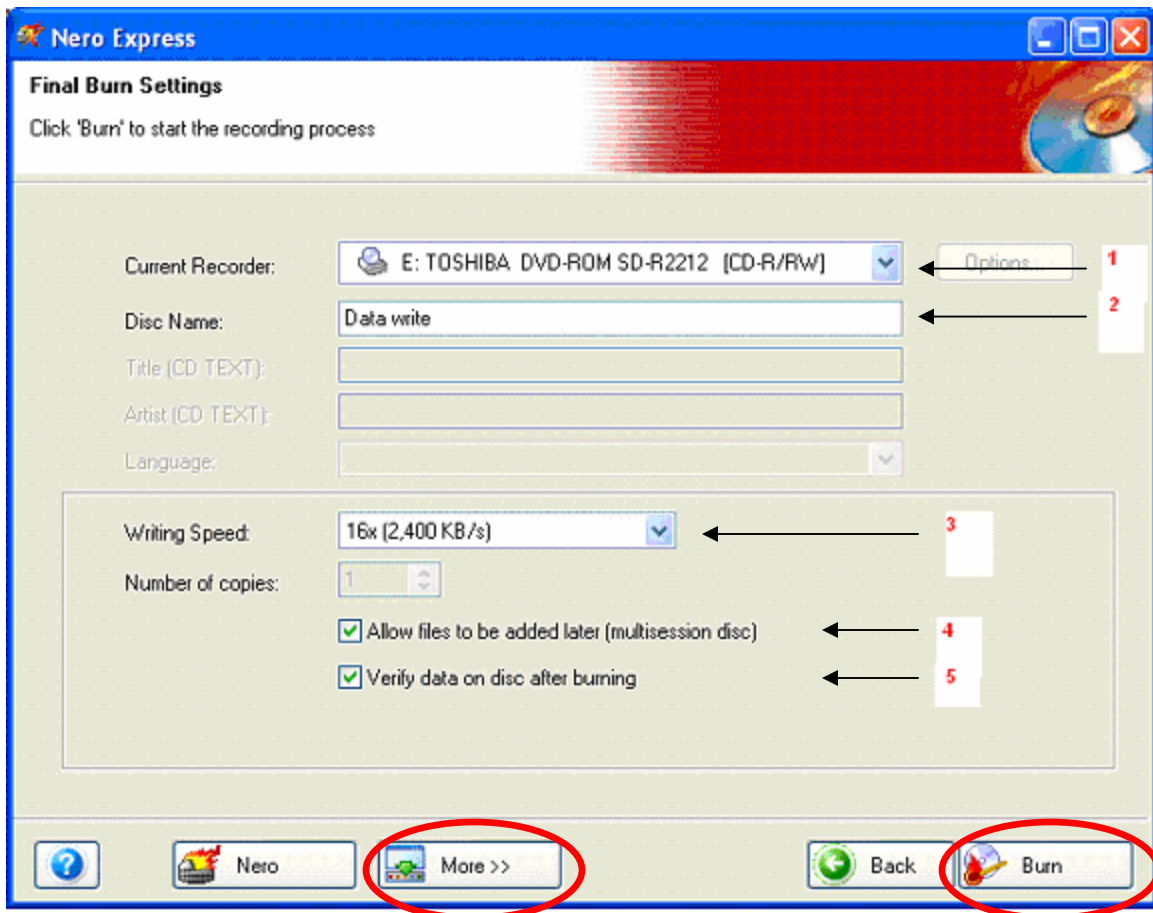

7. If you select the 'More' option, it will bring up a drop down window that will allow you to have some limited control over your files and directories date and time settings. Click '**Next**' to continue your burn process after you have made your adjustments.

8. This brings you to the '**Final Burn Settings**" window.

Here you must:

1. Select the Recording device

2. Provide the Disc you are about to create with a name

3. Set your Write Speed

4. Decide if the CD will be Multisession - (Enable this feature to allow all data that will be written to this CD, now and later, to be seen. If it's not enabled, only the data last written to the CD will be seen when mounted.)

5. Choose 'Verify data on disc after burning' - (Verifies data was written to CD correctly. Always enable this aspect for critical data that you can not afford to loose.)
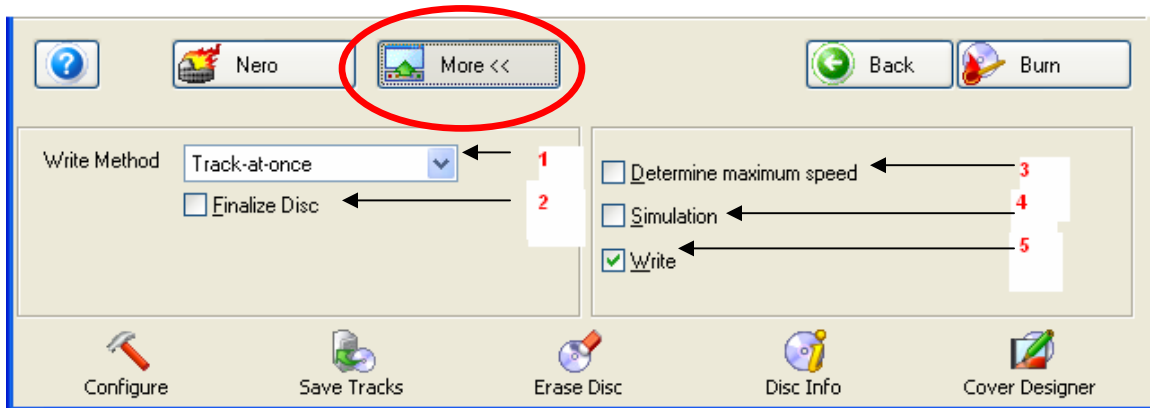

Click on 'More', after you have made your selections. Or click 'Burn' to begin the Write operation to the CD.
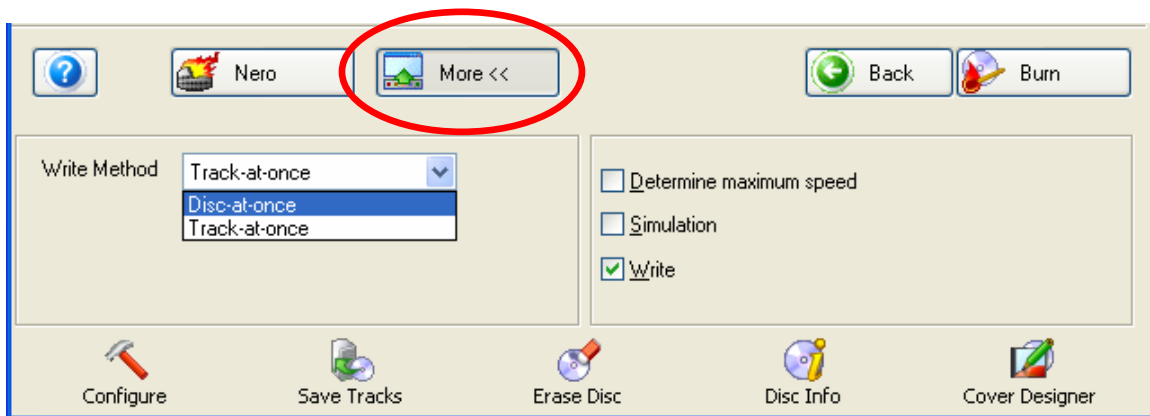
9. If you selected '**Burn**', you'll go to the final step.

   If you selected the '**More**' option, you will get a drop down for more added control of the write method used.
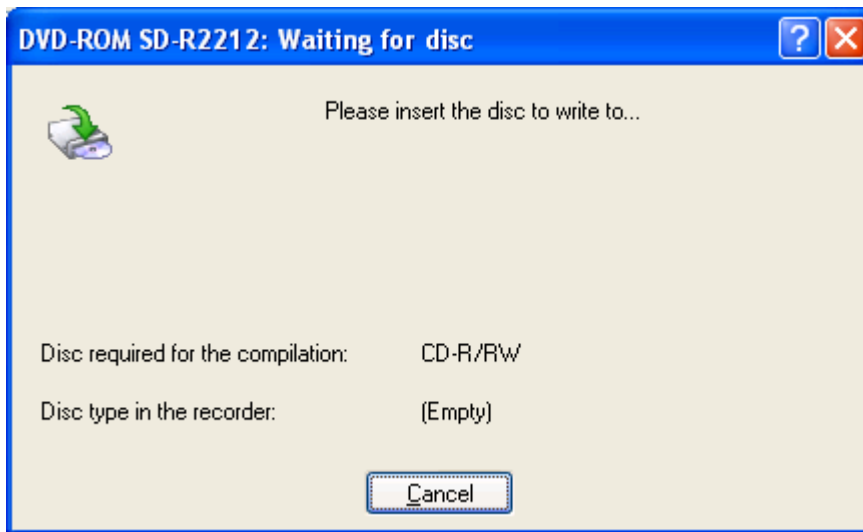
   1) Write Method – If you have the option for 'Allow files to be added later' enabled, as shown on previous page, this feature will be pre-set to Track-At-Once mode and you will not be able to select any other option.

   2) Finalize Disc – Only select this feature if you do not plan on writing to the disc anymore. Used to close disc.

   3) Determine maximum speed – The speed test determines how quickly the compiled files can be accessed. If the access speed is slower than the burning speed, the burning speed is reduced so as to avoid a buffer underrun.

   4) Simulation - The simulation runs all the steps involved in burning a medium apart from activating the laser beam, so that you can assume that if the simulation is successful, the burning process will also be successful. And avoid the possibility of wasting media if it were to fail.

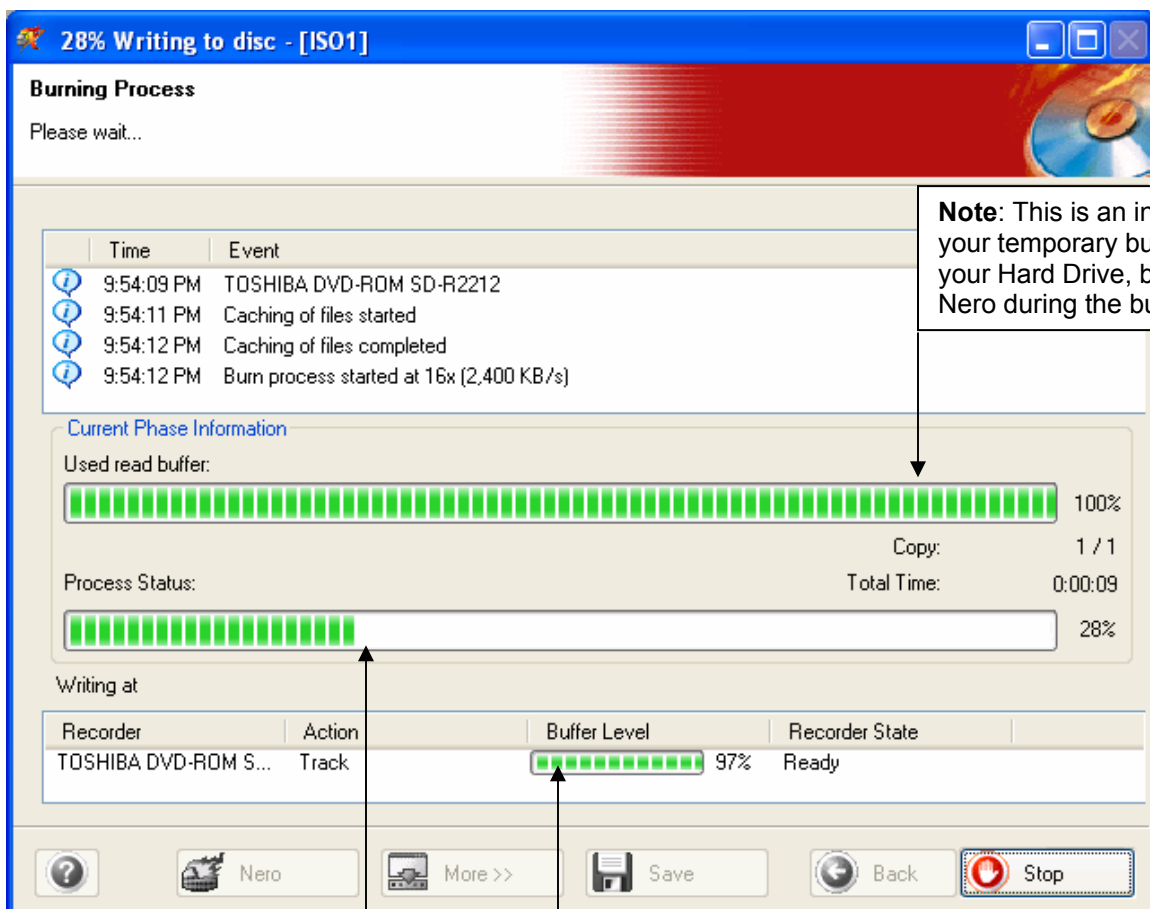   5) Write - This checkbox enables the actual physical burning process.

Sample of window if the option for 'Allow files to be added later' is not enabled

10. If you selected the 'Burn' button, and there is no recordable media in the recorder at the time, it brings up the below window requesting a blank CD-R or CD-RW media to be inserted in the Recorder. Insert a blank disc and Nero Express will detect it and begin burning automatically. (Note: Click on 'Cancel' only if you wish to stop the write operation before it begins.)

DVD-ROM SD-R2212: Waiting for disc

Please insert the disc to write to...

Disc required for the compilation:	CD-R/RW
Disc type in the recorder:	(Empty)

Cancel

11. Nero Express then begins the burn process.

28% Writing to disc - [ISO1]

Burning Process

Please wait...

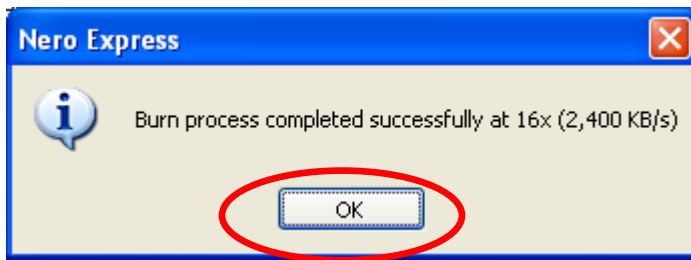| Time	Event
9:54:09 PM	TOSHIBA DVD-ROM SD-R2212
9:54:11 PM	Caching of files started
9:54:12 PM	Caching of files completed
9:54:12 PM	Burn process started at 16x (2,400 KB/s)

Note: This is an indicator of your temporary buffer level on your Hard Drive, being used by Nero during the burn.

Current Phase Information

Used read buffer:

100%

Copy: 1 / 1

Process Status:

Total Time: 0:00:09

28%

Writing at

Recorder	Action	Buffer Level	Recorder State
TOSHIBA DVD-ROM S...	Track	97%	Ready

Nero   More >>   Save   Back   Stop

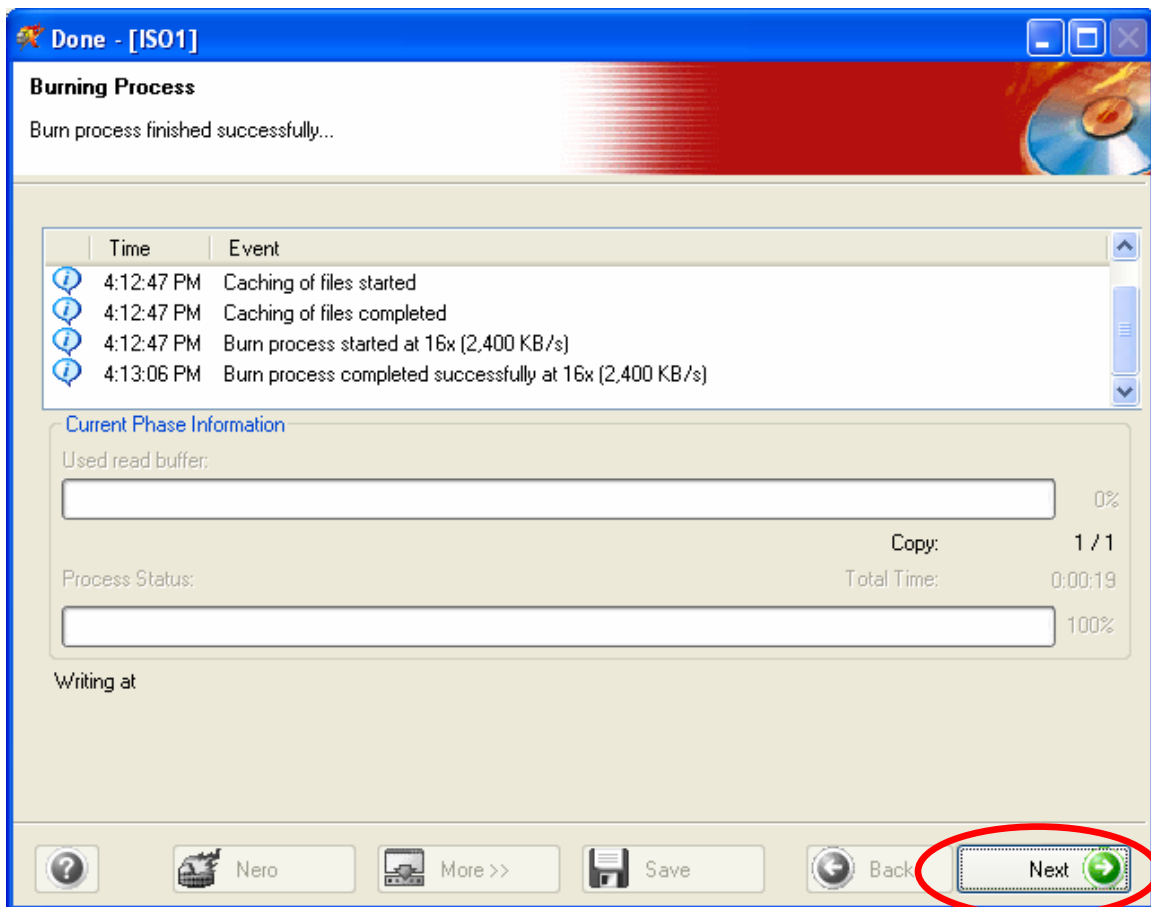**Note**: This is the progress bar of the actual write process

Note: This is an indicator of your buffer level on the Recorder.

12. When the write has been completed successfully, you will see the below window.

Click the **OK** button to continue.

13. This brings up the **Burning Process** window. Click on 'Next' to continue.

14. And this brings us to the completion of the data write process. Here you can choose too '**Burn the same project again**'; start a '**New project**'; launch the '**Nero Cover Designer**' to create a label; or '**Exit**' the Nero Express program.